

Fig. 1A

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	Mouse	Human
EKLVLSKLYE	MSSIGTGYOL	SASTFSPPGR
EGSNKRLENV	VFOQVEYAMKA	VENSSTAIGI
DRHVGMAVAG	RCRDGVVFGV	IAREEEASNFR
LLADARSLAD		
SNFGYNIPLK	HLADRVAMYV	HATLYSAVR
MLADRVAMYV	PGCCSFMLGS	YSANDGAQLY
MIDPSGVSYG	YMCICAIGKAR	QAAKTEIEKL
YMCICAIGKAR	QMKEMTCRDV	VKEVAKIYI
VHDEVKDKAF	ELELSWVGEL	TKGRHEIVPK
ELELSWVGEL	DIREEEAKYA	KESLKEEDES
DDDNM	[SEQ ID NO:8]	

Fig. 1B

	C terminal tails	Net Charge
$\alpha 1$	AERD [SEQ ID NO:9]	-1
$\alpha 2$	A [SEQ ID NO:10]	0
$\alpha 3$	KKHEEEAKAERKEKEQKEKDK	+1
$\alpha 4$	EKEKEENEKKQKKAS [SEQ ID NO:12]	+2
$\alpha 5$		0
$\alpha 6$	EERPQRKAQPAQPADEPAEKADEPMEH [SEQ ID NO:13]	-3
$\alpha 7$	AKESLKEEDESDDDNM [SEQ ID NO:14]	-6